BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	12	13/5,
Item Name:	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm & down size graded grinite metel coarse aggregates @ 0.69 cum & fine aggregates @ 0.459 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation & plinth & Cills including cost of all materials, labour, HOM of machinery, curing complete as per specification.	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Ground floor						
	W	6	3.40	0.23	0.23	0.23	0.15	0.70	
		6	1.50	0.23	0.23	0.23	0.15	0.31	
	V	5	0.60	0.23	0.23	0.23	0.15	0.10	
			First floor						
	W	2	3.40	0.23	0.23	0.23	0.15	0.35	
		6	1.50	0.23	0.23	0.23	0.15	0.31	
	V	5	0.60	0.23	0.23	0.23	0.15	0.10	
			Secound floor						
	W	3	3.40	0.23	0.23	0.23	0.15	0.35	
		6	1.50	0.23	0.23	0.23	0.15	0.31	
	V	5	0.60	0.23	0.23	0.23	0.15	0.10	
			Third floor						
	W	3	3.40	0.23	0.23	0.23	0.15	0.35	
		6	1.50	0.23	0.23	0.23	0.15	0.31	
	V	5	0.60	0.23	0.23	0.23	0.15	0.10	
							Total Qty Work Done	**3.30**	**Cum**
							Qty Payable in this bill	**3.30**	**Cum**

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ

N. Purushotham
Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore
Consultant Representative

B G Ramakrishna 13/5
Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: 12 13 13/5

Item Name: Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. - Ground Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		Ground floor						
Lintel								
W	1	7.60	0.23	0.23	0.23	0.23	0.40	
	1	7.20	0.23	0.23	0.23	0.23	0.38	
	1	5.30	0.23	0.23	0.23	0.23	0.28	
	1	4.50	0.23	0.23	0.23	0.23	0.24	
	1	5.40	0.23	0.23	0.23	0.23	0.29	
	1	4.00	0.23	0.23	0.23	0.23	0.21	
	1	4.00	0.23	0.23	0.23	0.23	0.21	
	1	10.00	0.23	0.23	0.23	0.23	0.53	
Bathroom								
	1	2.00	0.23	0.23	0.23	0.15		
Door								
	7	1.50	0.23	0.23	0.23	0.23		
Partion Wall								
	1	18.00	0.15	0.15	0.15	0.15	0.41	
						Total Qty Work Done	**3.57**	**Cum**
						Qty Payable in this bill	**3.57**	**Cum**

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Contractor Representative

Consultant Representative

Assistant Engineer 13/5
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: **14**

Item Name: Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. - First Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		First floor						
Lintel								
W	1	7.60	0.23	0.23	0.23	0.23	0.40	
	1	7.20	0.23	0.23	0.23	0.23	0.38	
	1	5.30	0.23	0.23	0.23	0.23	0.28	
	1	4.50	0.23	0.23	0.23	0.23	0.24	
	1	5.40	0.23	0.23	0.23	0.23	0.29	
	1	2.00	0.23	0.23	0.23	0.23	0.11	
Bathroom								
	1	2.00	0.23	0.23	0.23	0.15	0.07	
Door								
	7	1.50	0.23	0.23	0.23	0.23	0.56	
Partion Wall								
	1	18.00	0.15	0.15	0.15	0.15	0.41	
						Total Qty Work Done	**2.72**	**Cum**
						Qty Payable in this bill	**2.72**	**Cum**

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

16/5

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: **15**

Item Name: Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. - Second Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Secound floor						
	Lintel								
	W	1	7.60	0.23	0.23	0.23	0.23	0.40	
		1	7.20	0.23	0.23	0.23	0.23	0.38	
		1	5.30	0.23	0.23	0.23	0.23	0.28	
		1	4.50	0.23	0.23	0.23	0.23	0.24	
		1	5.40	0.23	0.23	0.23	0.23	0.29	
		1	10.50	0.23	0.23	0.23	0.23	0.56	
	Bathroom								
		1	2.00	0.23	0.23	0.23	0.15	0.07	
	Door								
		7	1.50	0.23	0.23	0.23	0.23	0.56	
	Partion Wall								
		1	18.00	0.15	0.15	0.15	0.15	0.41	
							Total Qty Work Done	**3.17**	**Cum**
							Qty Payable in this bill	**3.17**	**Cum**

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Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)
17/5

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: **16**

Item Name: Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. - Third Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Third floor						
	Lintel								
	W	1	7.60	0.23	0.23	0.23	0.23	0.40	
		1	7.20	0.23	0.23	0.23	0.23	0.38	
		1	5.30	0.23	0.23	0.23	0.23	0.28	
		1	4.50	0.23	0.23	0.23	0.23	0.24	
		1	5.40	0.23	0.23	0.23	0.23	0.29	
		1	10.50	0.23	0.23	0.23	0.23	0.56	
	Bathroom								
		1	2.00	0.23	0.23	0.23	0.15	0.07	
	Door								
		7	1.50	0.23	0.23	0.23	0.23	0.56	
	Partion Wall								
		1	18.00	0.15	0.15	0.15	0.15	0.41	
							Total Qty Work Done	**3.17**	**Cum**
							Qty Payable in this bill	**3.17**	**Cum**

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)
20/5

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: **18**

Item Name: Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - First Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		First floor Column						
C1	4	0.30	0.60	0.60	0.60	3.00	2.16	
C2	14	0.30	0.75	0.75	0.75	3.00	9.45	
C3	1	0.30	0.90	0.90	0.90	3.00	0.81	
Ground Floor Beam								
B1	1	89.45	0.30	0.30	0.30	0.60	16.10	
B2	1	20.96	0.23	0.23	0.23	0.45	4.82	2·16
B3	1	64.48	0.23	0.23	0.23	0.75	14.83	11·12
Roof Slab		First Floor Roof Slab						
Area 1	1	14.83	12.10	12.10	12.10	0.15	26.92	
Area 2	1	5.40	1.15	1.15	1.15	0.15	0.93	
Area 3	1	7.79	2.50	2.50	2.50	0.15	2.92	
Area 4	1	11.95	6.00	6.00	6.00	0.15	10.76	
	1	6.00	4.80	4.80	4.80	0.15	4.32	
	1	17.30	1.50	1.50	1.50	0.15	3.89	
	1	43.05	0.23	0.23	0.23	0.15	1.49	
Area 5	1	92.69				0.15	13.90	
Area 6	1	12.90				0.15	1.94	
Deduction							115.23	
Duct	-1	1.5	1.3	1.3	1.3	0.15	-0.29	
Total Qty Work Done							**115.24**	**Cum**
Qty Payable in this bill							**115.24**	**Cum**

30/9/2020

108.87

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

4/6

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: **19**

Item Name: Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		Secound floor Column						
C1	3	0.30	0.60	0.60	0.60	3.00	1.62	
C2	15	0.30	0.75	0.75	0.75	3.00	10.13	
C3	1	0.30	0.90	0.90	0.90	3.00	0.81	
Ground Floor Beam								
B1	1	89.45	0.30	0.30	0.30	0.60	16.10	
B2	1	20.96	0.23	0.23	0.23	0.45	4.82	9.16
B3	1	64.48	0.23	0.23	0.23	0.75	14.83	11.12
Roof Slab		Secound Floor Roof Slab						
Area 1	1	14.83	12.10	12.10	12.10	0.15	26.92	
Area 2	1	5.40	1.15	1.15	1.15	0.15	0.93	
Area 3	1	7.79	2.50	2.50	2.50	0.15	2.92	
Area 4	1	11.95	6.00	6.00	6.00	0.15	10.76	
	1	6.00	4.80	4.80	4.80	0.15	4.32	
	1	17.30	1.50	1.50	1.50	0.15	3.89	
	1	43.05	0.23	0.23	0.23	0.15	1.49	
Area 5	1	92.69				0.15	13.90	
Area 6	1	12.90				0.15	1.94	
Deduction								
Duct	-1	1.5	1.3	1.3	1.3	0.15	-0.29	
						Total Qty Work Done	115.08	**Cum**
						Qty Payable in this bill	115.08	**Cum**

30/9/2020

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)
20/6

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No: 20

Item Name: Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		Third floor Column						
C1	3	0.30	0.60	0.60	0.60	3.00	1.62	
C2	15	0.30	0.75	0.75	0.75	3.00	10.13	
C3	1	0.30	0.90	0.90	0.90	3.00	0.81	
Ground Floor Beam								
B1	1	89.45	0.30	0.30	0.30	0.60	16.10	
B2	1	20.96	0.23	0.23	0.23	0.45	4.82	2.16
B3	1	64.48	0.23	0.23	0.23	0.75	14.83	11.12
Roof Slab		Third Floor Roof Slab						
Area 1	1	14.83	12.10	12.10	12.10	0.15	26.92	MED 30/9/2020
Area 2	1	5.40	1.15	1.15	1.15	0.15	0.93	
Area 3	1	7.79	2.50	2.50	2.50	0.15	2.92	
Area 4	1	11.95	6.00	6.00	6.00	0.15	10.76	
	1	6.00	4.80	4.80	4.80	0.15	4.32	
	1	17.30	1.50	1.50	1.50	0.15	3.89	
	1	43.05	0.23	0.23	0.23	0.15	1.49	
Area 5	1	92.69				0.15	13.90	
Area 6	1	12.90				0.15	1.94	
Deduction								
Duct	-1	1.5	1.3	1.3	1.3	0.15	-0.29	
						Total Qty Work Done	115.08	Cum
						Qty Payable in this bill	115.08	Cum

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Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagar (Project)
4/7

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	23
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications - Ground Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Ground floor						
	Lintel								
	W	2	7.60				0.23	3.50	
		2	7.20				0.23	3.31	
		2	5.30				0.23	2.44	
		2	4.50				0.23	2.07	
		2	5.40				0.23	2.48	
		2	4.00				0.23	1.84	
		2	4.00				0.23	1.84	
		2	10.00				0.23	4.60	
	Bathroom								
		2	2.00				0.15	0.60	
	Door								
		14	1.50				0.23	4.83	
	Partion Wall								
		2	18.00				0.15	5.40	
	Base								
	W	6	2.40			0.23		3.31	
		6	1.50			0.23		2.07	
	V	4	0.60			0.23		0.55	
		1	0.90			0.23		0.21	
	Door	8	1.00			0.23		1.84	
							Total Qty Work Done	**40.89**	**Sqm**
							Qty Payable in this bill	**40.89**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	24
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications - First Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Floor Beam								
For Roof Beam								
B1	1	198.70	-	-	-	0.45	89.42	
B2	1	41.92	-	-	-	0.45	18.86	
B3	1	128.96	-	-	-	0.75	96.72	
		First floor						
Lintel								
W	2	7.60	-	-	-	0.23	3.50	
	2	7.20	-	-	-	0.23	3.31	
	2	5.30	-	-	-	0.23	2.44	
	2	4.50	-	-	-	0.23	2.07	
	2	5.40	-	-	-	0.23	2.48	
	2	2.00	-	-	-	0.23	0.92	
Bathroom								
	2	2.00	-	-	-	0.15	0.60	
Door								
	14	1.50	-	-	-	0.23	4.83	
Partion Wall								
	2	18.00	-	-	-	0.15	5.40	
Base								
W	3	2.40			0.23		1.66	
	6	1.50			0.23		2.07	
V	4	0.60			0.23		0.55	
	1	0.90			0.23		0.21	
Door	7	1.00			0.23		1.61	
						Total Qty Work Done	230.55	sqm
						Qty Limited Payable in this bill	230.55	sqm

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Contractor Representative

Assistant Engineer
RR Nagar (Project)

Consultant Representative

Asst.Executive Engineer
RR Nagar (Project)

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